

Abstract

Crystalline monohydrate of (1 α ,2 β ,4 β ,5 α ,7 β)-7-[(hydroxydi-2-thienylacetyl)oxy]-9,9-dimethyl-3-oxa-9-azoniaticyclo[3.3.1.0^{2,4}]nonane bromide (tiotropium bromide monohydrate), processes for the preparation thereof, pharmaceutical compositions thereof, and their use.